Haier®

OWNER'S MANUAL

LE24T3/L24K3

TFT-LCD TELEVISION

Please READ this manual carefully before operating your TV, and retain it for future reference.

Contents

Warning 3

Important Safety Instructions 4

Panel Control and Rear Terminals Control 6

Panel Control 6
Rear Terminals Control 6

Remote Control 7

Battery loading 7
Precautions 7

Remote Control Function 8

Function introduction 8

External Equipment Connections 9

Antenna Connection 9
Choose Your Connection 10
VCR Connection 10
DVD Setup 10
HDMI or DVI Setup 10
PC Setup 11
Monitor Out Setup 11
Power source 12

Basic Receiving and Playing Operations 12

Switching ON/OFF the TV set 12
Switching ON/OFF the TV set 12
Choose the Menu Language 12
Choose the Input source 12
Searching Channel 13
Channel Edit 13
Automatic search 14
Exchange 14
Watching TV Program 14
How to select the desired program 14
How to select the desired sound 14
Mute Setting 15
Quick program view 15
Picture Control Functions 15
How to select the picture mode 15
How to customize your own picture status 15
Sound Control Functions 16
How to choose Digital tone mode 16
How to customize your own sound status 17
Timer Functions 18
Setting of Current Time 18
Setting of ON/OFF Time 18
Setting of On Channel 18
Setting of Remind Time and Remind Channel 18
Function Menu 19
Function Menu Set 19
Adjust Menu 20
Lock Setup 20
How to use the password function 21
USB Mode 22

Maintenance 24

Troubleshooting 24

Specification 25

Format 26

Warning

WARNING:

TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.

* To avoid electric hazards, it is strongly suggested that the back cover not be opened, as there is no any accessory inside the casing.
* If necessary, please contact authorized after-sales services.
* A lighting flash mark in a triangle: A potentially hazardous situation, which, if not avoided, could result in serious injury by high voltage.
* An exclamation mark in a triangle: Major part or accessory of which technical specifications must be followed if it is to be replaced.

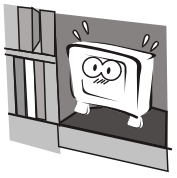
WARNING: To avoid fire or electric hazards, never place your television receiver in an area with heavy moisture. Attention should be paid to avoid accidental scratches or impacts onto the screen.

CAUTION:
- Please read this manual carefully before using your television and keep this manual in a good place for future reference.
- To achieve the best performance of your television, read this User's Manual carefully and properly store it for future reference.
- Information of screen displays and figures in the User's Manual may vary due to technical innovations.

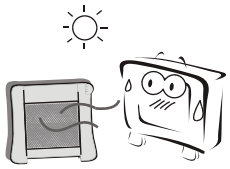
CAUTION:
- Unauthorized disassembly of this product is prohibited.

Important Safety Instructions

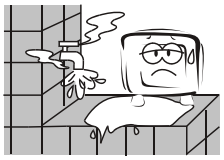
The product should be tightly fixed to avoid drop damages and even fire.



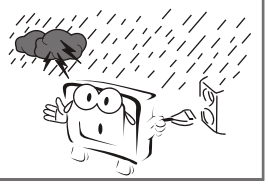
To avoid fire hazards, do not use this product under direct sunlight or closely to heat sources.



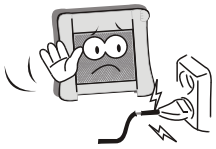
Do not locate the product close to water or oil, which may cause fire hazards.



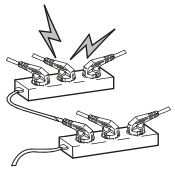
Unplug the power supply and antenna of the product when there is a rainstorm, especially Thunderstorm.



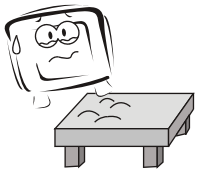
Do not use damaged or worn electric plugs，and keep electric cord away from heat sources to avoid electric shocks or fire hazards.



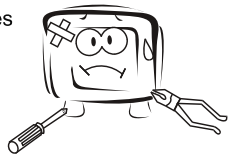
Do not connect excessive sockets in parallel or share the same socket by multiple plugs to avoid fire hazards.



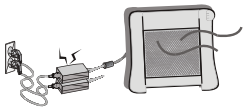
The product must be placed on a solid and stable surface to avoid collapse.



Unauthorized disassembly of the television is prohibited to avoid electric shocks or fire hazards. Contact authorized after-sales service if technical service is needed.



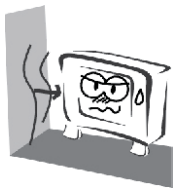
Keep the product away from a transformer or heat source to avoid fire hazards.



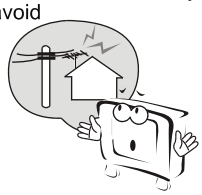
Disconnect the product from power supply and contact authorized after-sales service if abnormal sound is heard in the product.

Don't use or store inflammable materials near the product to avoid explosion or fire hazards.

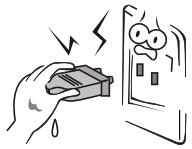
Don't place the product in a humid area to avoid fire hazards.



The antenna of the product should be away from electric cable to avoid electric shocks.



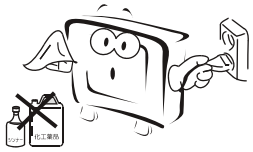
Never touch the plug when your hand is wet as this might cause electric shocks.



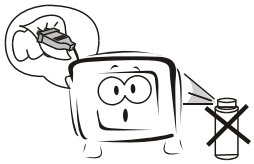
Always make sure that the televisionis well plugged as poor electric connection might cause fire.

When antenna is used, measures should be taken to prevent water from flowing down along the cable into the television.

Unplug the television, use soft fabric, never chemicals, if you are going to make cleaning of the product. Make sure that no water drops in the product.

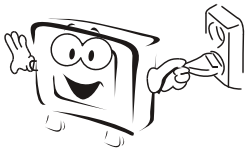


The plug and electric cable must be kept clean to avoid electric shocks or fire hazards.



Disconnect the television from power supply and antenna when there is a rainstorm or thunderstorm to avoid electric shocks or fire hazards.

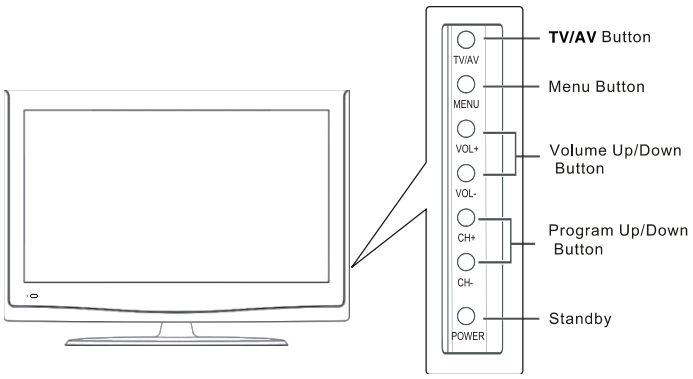
Disconnect the television from power supply to avoid electric shocks or fire hazards in a long vocation.



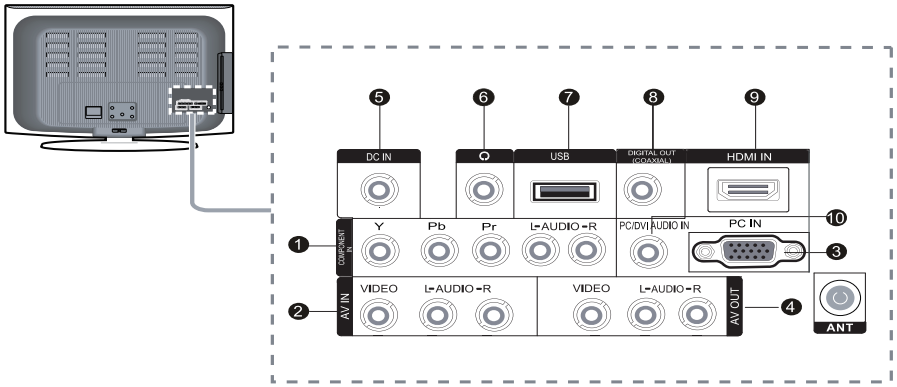
Panel Control and Rear Terminals Control

- This is a simplified representation of front panel.
- Here shown may be somewhat different from your TV.

Panel Control



Rear Terminals Control



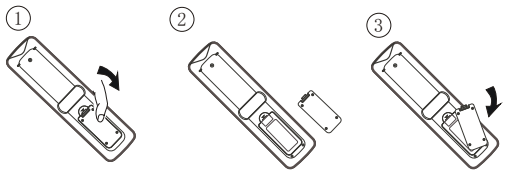
①	**COMPONENT In**	Connect a component Video/Audio device to these jacks
②	**AV IN**	Connect Video/Audio out from an Video/Audio device to these jacks
③	**PC IN**	Connect the monitor output connector from a PC to the jack
④	**AV OUT**	Video/Audio output terminal
⑤	**DC IN**	Connect the monitor output connector from a DC to the jack(not available for the L24K3 model)

⑥	**Headphone**	Headphone audio output terminal
⑦	**USB**	Connect a USB flash drive to view PPEG2 videos, JPEG images or listen to MP3 songs
⑧	**DIGITAL OUT(COAXIAL)**	Digital/Coaxial output terminal
⑨	**HDMI**	Connect a HDMI device to receive digital audio and uncompressed digital video.
⑩	**PC/DVI AUDIO**	Connect a PC/DVI Audio device to these jacks

Remote Control

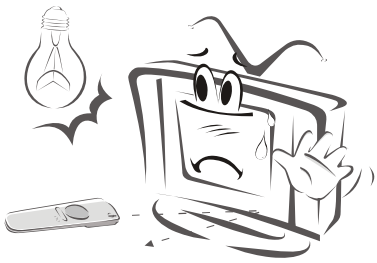
Battery loading

1. Slide open the cover of the battery compartment on the back of the remote controller.
2. Load two 7# (AAA) alkaline batteries in the compartment, (plus and minus poles to respective mark)
3. Replace the cover of the battery compartment.

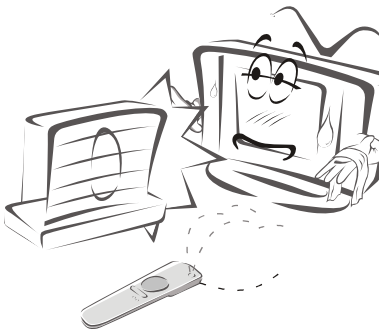


Precautions

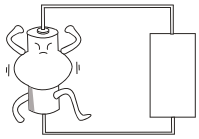
As strong light may interfere the signals, change your position to operate the remote controller if the television cannot be turned on or off as you expect.



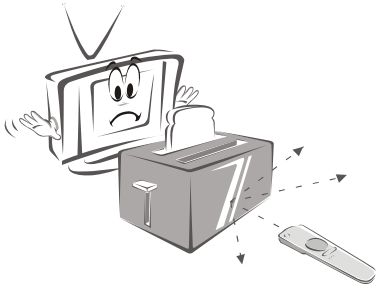
Keep the remote controller away from heat source or humid area to ensure effective performance of the remote controller.



Make sure that two AAA alkaline batteries are loaded. The batteries must be of the same type. The batteries must be located properly. The batteries are not rechargeable.



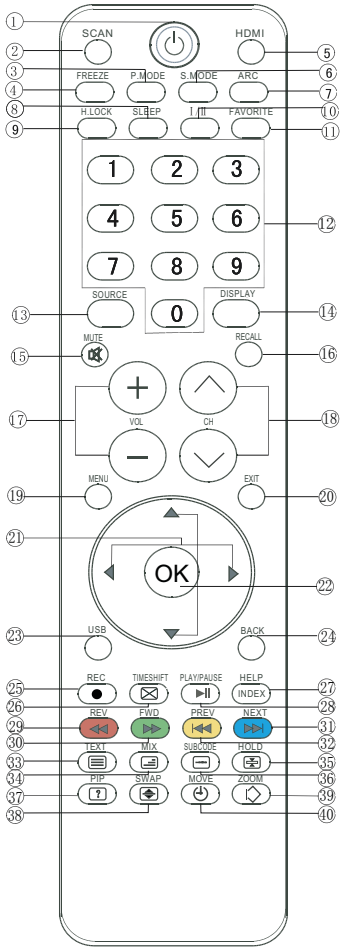
Make sure that there is no obstacle between the remote controller and television set.



Remote Control Function

- The remote control cannot be operated unless the batteries are properly loaded.
- When using the remote control, aim it at the remote control sensor on the TV.

Function introduction

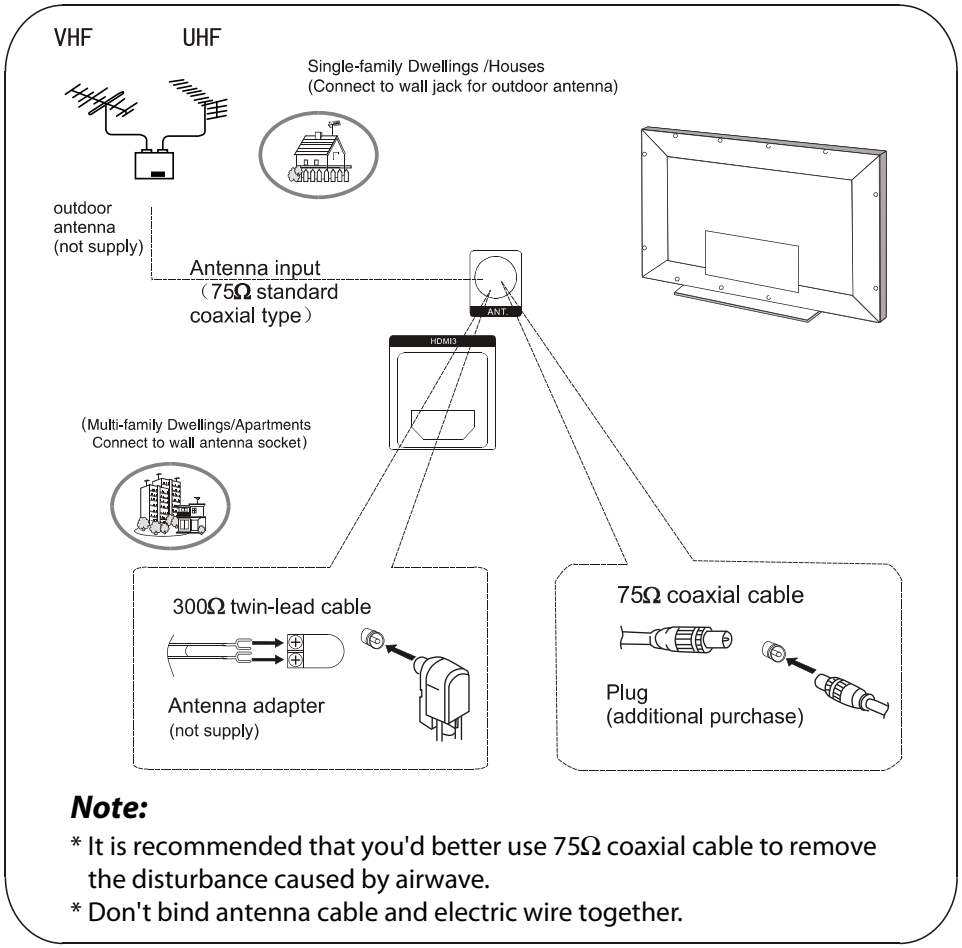


①	**POWER**	Press this key to start TV from standby mode, press it again to return to standby mode.
②	**SCAN**	It is only available in TV mode.
③	**Picture Mode**	Press this key continuously to select the picture mode.
④	**FREEZE**	Press once to display a frozen image of the current program, but audio continues. Press again to return to the program.
⑤	**HDMI**	Press to select a device connrcted to the HDMI input.
⑥	**Sound Mode**	Press this key continuously to select the sound mode.
⑦	**ARC**	Press this key to select the screen display proportion.
⑧	**SLEEP**	Displaying the sleep time.
⑨	**H. LOCK**	Refer to the Functional Description on Page 20
⑩	**I/II**	No available
⑪	**FAVORITE**	Press to open the favorite channel list in TV.
⑫	**0-9**	These keys are used to select a channel.
⑬	**SOURCE**	Press this key to open/close signal source options menu.
⑭	**DISPLAY**	Press to display the TV status information on the top of the TV screen.
⑮	**MUTE**	Press this key to mute the sound, press it again to activate the sound. The sound may be activated by turning the TV on again or increasing the volume .
⑯	**RECALL**	Press this key to display the Special Function Menu (it functions when special modules are inserted).
⑰	**VOL+ /-**	Used to adjust the volume when the screen menu is closed.
⑱	**CH∧/∨**	Used to select a TV channel when the screen options menu is closed, specifically, press CH∨ to decrease the channel and press CH∧ to increase the channel.
⑲	**MENU**	Press this key to display or exit the main menu.
⑳	**EXIT**	Clears all on-screen displays and returns to TV viewing from any menu.
㉑	**THUMBSTICK (Up/ Down/Left/Right)**	Allows you to navigate the on-screen menus and adjust the system setting to your preference.
㉒	**OK**	Press this key to confirm the selection.
㉓	**USB**	Press this key for quick switching of streaming media.
㉔	**BACK**	Back button(only for USB).
㉕	**REC**	No available.
㉖	**TIMESHIFT**	No available.
㉗	**HELP**	Press this key to select music mode when using a USB device to play music.
㉘	**PLAY/PAUSE**	Play/Pause(only for USB).
㉙	**REV**	Fast Reverse(only for USB).
㉚	**FWD**	Fast Forward(only for USB).
㉛	**NEXT**	Next(only for USB).
㉜	**PREV**	Previous(only for USB).
㉝	**TEXT**	No available.
㉞	**MIX**	No available.
㉟	**HOLD**	No available.
㊱	**SUBCODE**	No available.
㊲	**PIP**	PIP/Teletext Reveal.
㊳	**SWAP**	PIP SWAP.
㊴	**ZOOM**	Picture zoom function(only for USB).
㊵	**MOVE**	PIP MOVE.

External Equipment Connections

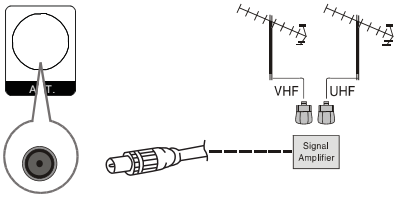
Antenna Connection

- Antenna or Cable Service without a Cable Box Connections.
- For optimum picture quality, adjust antenna direction if needed.



Note:

* It is recommended that you'd better use 75Ω coaxial cable to remove the disturbance caused by airwave.
* Don't bind antenna cable and electric wire together.



- To improve picture quality in a poor signal area, purchase and install a signal amplifier.
- If the antenna needs to be split for two Tv's, install a "2-WaySignal Splitter" in the connections.
- If the antenna is not installed properly, contact your dealer for assistance.

Note

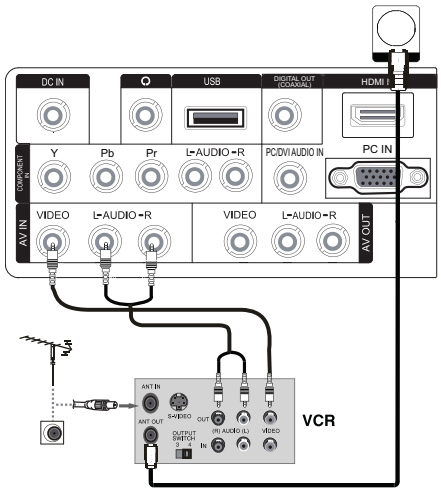
❏ All cables shown are not included with the TV.

Choose Your Connection

There are several ways to connect your television, depending on the components you want to connect and the quality of the signal you want to achieve.
The following are examples of someways to connect your TV. Choose the connection which is best for you.

VCR Connection

To avoid picture noise (interference), leave an adequate distance between the VCR and TV.



Connection Option 1

Set VCR output switch to channel 3 or 4 and then tune the TV to the same channel number.

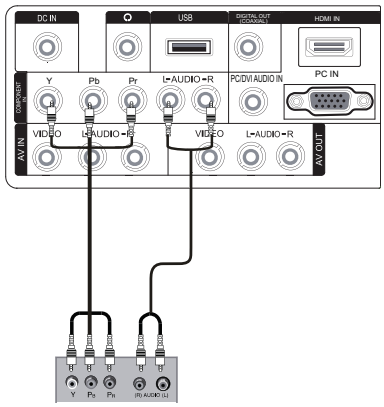
Connection Option 2

1. Connect the audio and video cables from the VCR's output jacks to the TV input jacks, as shown in the figure. When connecting the TV to VCR, match the jack colors (Video = yellow, Audio Left = white, and Audio Right = red).
2. Insert a video tape into the VCR and press **PLAY** on the VCR. (Refer to the VCR owner's manual.)
3. Select the input source with using the **SOURCE** button on the remote control, and then press ▲ / ▼ button to select the source, press the ▶ button to confirm.

DVD Setup

How to connect

1. Connect the DVD video outputs (Y, P_b/C_b, P_r/C_r) to the COMPONENT (Y, P_b/C_b, P_r/C_r) input jacks on the TV and connect the DVD audio outputs to the AUDIO jacks on the TV' as shown in the figure.



How to use

1. Turn on the DVD player, insert a DVD.
2. Use the **SOURCE** button on the remote control,and then press ▲ / ▼ button to to select COMPONENT mode, press the ▶ button to confirm.
3. Press **Play** button on external equipment for program play.
4. Refer to the DVD player's manual for operating instructions.

HDMI or DVI Setup

To watch digitally broadcast programs, purchase and connect a digital set-top box.

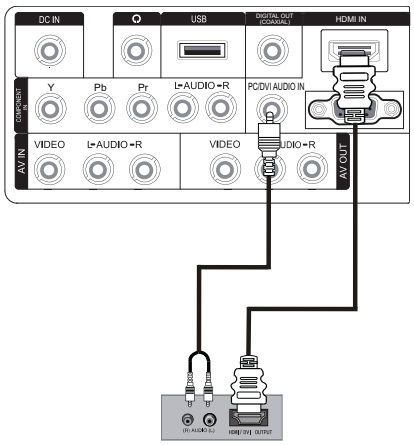
How to connect

- Use the TV's COMPONENT (Y, P_b/C_b, P_r/C_r) INPUT jacks, VGA or HDMI port for video connections, depending on your set-top box connections

available. Then, make the corresponding audio connections.

How to use

1. Turn on the digital set-top box.
   (Refer to the owner's manual for the digital set-top box.)
2. Use SOURCE on the remote contralto select PC or HDMI (Y, P_b/C_b, P_r/C_r) mode.
3. Press **Play** button on external equipment for program play.



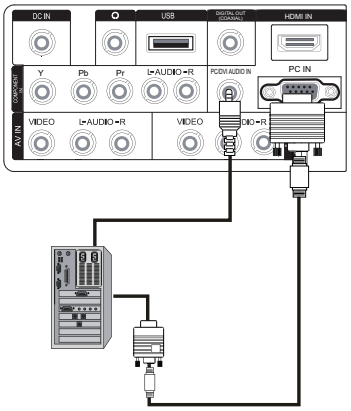
PC Setup

How to connect

1. Use the TV's PC IN port for video connections.
2. Then, make the corresponding audio connection. If using a sound card, adjust the PC sound as required.

How to use

1. Turn on the PC and the TV.
2. Turn on the display by pressing the **POWER** button on the TV's remote control.
3. Use SOURCE on the remote control to select PC source.
4. Check the image on your TV. There may be noise associated with the resolution, vertical pattern, contrast or brightness in PC mode. If noise is present, change the PC mode to another resolution, change the refresh rate to another rate or adjust the brightness and contrast on the menu until the picture is clear. If the refresh rate of the PC graphic card can not be changed, change the PC graphic card or consult the manufacturer of the PC graphic card.



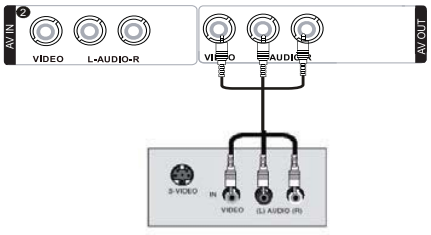
Note

- ❏ Avoid keeping a fixed image on the TV's screen for along period of Time. The fixed image may become permanently imprinted on the screen.
- ❏ The synchronization input form for Horizontal and Vertical frequencies is separate.
- ❏ To obtain the best picture, do not play the USB, YP_bP_r, HDMI or PC source at the same time.

Monitor Out Setup

The TV has a special signal output capability which allows you to hook up a second TV or monitor.

Connect the second TV or monitor to the TV's AV OUT. See the Operating Manual of the second TV or monitor for further details regarding that device's input settings.

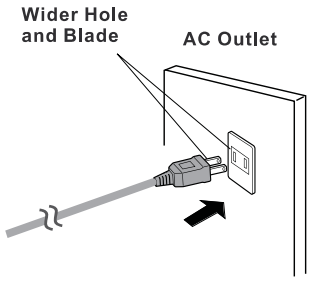


Note

- ❏ Component, PC, HDMI input sources cannot be used for Monitor out.
- ❏ When connecting with external audio equipments, such as amplifiers or speakers, please turn the TV speakers off.

Power source

TO USE AC POWER SOURCE
Use the AC polarized line cord provided for operation on AC. Insert the AC cord plug into a standard polarized AC outlet.



Polarized AC Cord Plug

Note

- ❏ Never connect the AC line cord plug to other than the specified voltage. Use the attached power cord only.
- ❏ If the polarized AC cord does not fit into a non polarized AC outlet, do not attempt to file or cut the blade. It is the user's responsibility to have an electrician replace the obsolete outlet.
- ❏ If you cause a static discharge when touching the unit and the unit fails to function, simply unplug the unit from the AC outlet and plug it back in. The unit should return to normal operation. Polarized AC Cord Plug.

Basic Receiving and Playing Operations

Switching ON/OFF the TV set

In the manual, the OSD (on screen display) may be different from your TV's because it is just an example to help you with the TV operation.

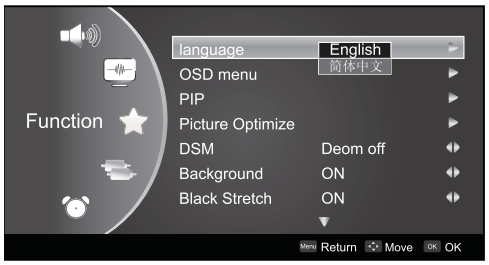
Switching ON/OFF the TV set

1. First, connect power cord correctly and the power indicator will light.
2. Press **POWER** on the remote control again.
3. If you want to exchange to standing by status, please press down **POWER** on the remote control
4. Disconnect the power supply or unplug the television if it is intended to completely cease the television performance.

Choose the Menu Language

When you satisfied with your set for the first time, you must select the language which will be used for displaying menus and indications.

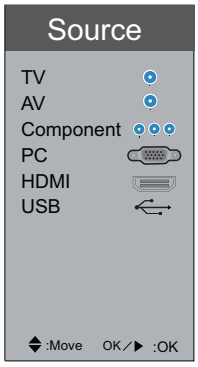
1. Press **MENU** and ▲ / ▼ to select **Function** menu.
2. Press **OK**/ ▶ to enter, Press ▲ / ▼ button to select language.
3. Select a particular language by pressing ▲ / ▼ repeatedly, and then press **OK** to confirm.
4. When you satisfied with your choice, press **MENU** to return to normal viewing.



Choose the Input source

If the TV is not in TV mode, press **SOURCE** on the remote control unit, and signal source menu will be displayed on the TV screen (as shown in the below figure). Press ▲ / ▼ to select the TV option, and press ▶ or **OK**

to confirm the switching to TV input terminal. After switching, the signal source menu disappears, and at the upper right corner of screen displays the information of current signal source.
Pressing this key repeatedly can exit from the signal source menu.
In case of no other operation, the signal source menu will automatically disappear upon reaching the OSD disappearance time preset in the main menu.



Searching Channel

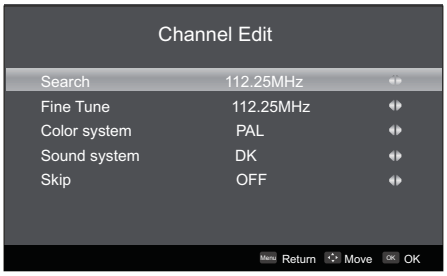
In this section, how to use the remote control to set channel is explained. You can also use buttons on the TV set to set channel.

Channel Edit

Note: Only available in the source of TV and Tuning lock in the H.Lock menu is off.

1. Press **MENU** on the remote control unit or **MENU** on the TV's front panel to display main menu, and then press ◀ / ▶ to select Tuning menu.

2. Press ▲ / ▼ to select the Channel Edit option, and then press OK to enter submenu.



Search

Press ▲ / ▼ to select the Search option, and finally press ◀ / ▶ to start manual search. Upon finding a program, the search will automatically stop, and the program will be stored onto the current channel. You may stop the search by pressing **OK** or **MENU**.

Fine Tune

Press ▲ / ▼ to select the Fine Tune option, and then press ◀ / ▶ to start UP or DOWN fine tuning until obtaining a relatively good picture effect. The fine tuning function is for the purpose of improving picture effect through fine tuning when that of a certain program is not good enough. Normally, the optimal picture effect can be obtained without fine tuning when watching TV programs, and fine tuning is to meet the need of adjusting a certain program.

Color system

Press ▲ / ▼ to select the Color Systems option, and then press ◀ / ▶ to select correct color system.
The TV is designed with four systems for your choice, i.e. Auto, PAL , SECAM, NTSC and NTSC443. Generally, the system is set as Auto and it is not necessary to make an adjustment. The system is normally set as Auto during auto search.

Sound system

The TV is designed with four systems for your choice, i.e. D/K, M, B/G and I. Generally, it is not necessary to adjust the system. The system is normally set as DK during auto search.

Skip

When the skip is set ON, the channel will be skipped when pressing **CH** ∧ or **CH** ∨ and only can be selected by pressing 0-9 numerical keys.

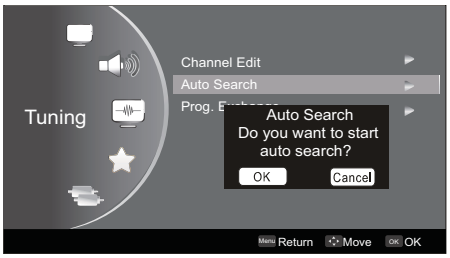
If you want to recover the skipped channel

1. Use Direct-digit Choosing button to select the number of the channel to be recovered.
2. Do the above steps again.
3. Press ◀ / ▶ to set **Skip** as Off.

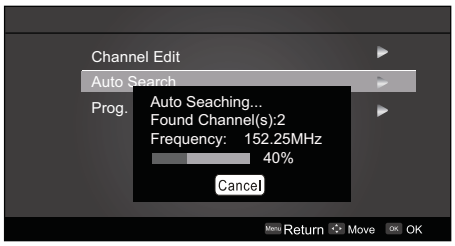
Automatic search

1. Press **MENU** on the remote control to display main menu, and then press ▲ / ▼ to select **Tuning** menu.

2. press ▲ / ▼ to select the Auto Search option, press **OK or** ▶ to enter the auto search menu, afterwards press ◀ / ▶ to select the Confirm option, and finally press **OK** to confirm the starting of auto search.

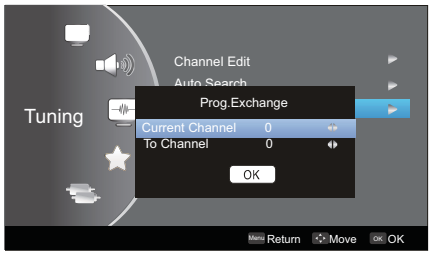


3. During auto search, the scale value on the progress bar is continually increasing, indicating the auto search is in progress. After finishing the auto search, the TV will play the channel starting the auto search. To stop the search in halfway, just press **MENU/OK**, and the TV will play the first searched channel.



Exchange

1. Press **MENU** on the remote control unit or **MENU** on the TV's front panel to display main menu, and then press ▲ / ▼ to select Tuning menu.
2. Press ▲ / ▼ to select the Prog. Exchange option, and then press **OK** to enter its submenu.
3. Press ▲ / ▼ to select the To Channel option, and then press ◀ / ▶ to set the found to be exchanged to.



4. After adjusting the current channel and the found to be exchanged to, press ▲ / ▼ to move the cursor to the Exchange option, and then press **OK** to start exchange and exchange the program on current channel to the channel you set for exchange.

Watching TV Program

You can watch TV program in a presetting channel.

How to select the desired program

1. Using Program number buttons
   Directly enter the channel number with the numeric keypad on the remote control. If to select channel numbers of double-digital or three-figure, press continuously the numeric buttons in three second.
2. Using **CH** ∧ /**CH** ∨ buttons

   Press **CH**∧ to select a channel number in number increasing direction. Press **CH** ∨ to select a channel number in number decreasing direction.

How to select the desired sound

Press **VOL-/+** buttons on the remote or the front of

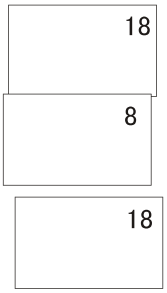
the TV set to adjust the volume level. The range is 0~100. When the volume buttons are pressed the volume level is displayed automatically on the TV screen.

Mute Setting

1. Press **MUTE** button on the remote control and a icon will display on the screen. At this time, the sound of the TV set is turned off.
2. If you want to recover the sound, press **MUTE** button again or directly press **VOL+** button.

Quick program view

1. Suppose that you previously watched a TV program on Channel 8, but now you are watching a TV program on Channel 18 (as shown in the below figure).



2. If you want to return to Channel 8, just press "**RECALL** (Flashback)" once.
3. If you want to return to Channel 18 again, just press "**RECALL** (Flashback)" once again.

Note

❏ This function is only available in TV mode.

Picture Control Functions

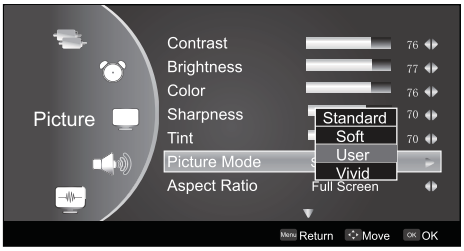
This means the adjustment of specific contents in the picture, if already in normal condition, it is not necessary to make any adjustment.

Due to different TV signal inputs, some items may need to be adjusted. The following makes a description by only taking TV signal as an example.

How to select the picture mode

1. Press **MENU** to display main menu on the screen, and then press ▲/▼ to select the Picture menu, afterwards press **OK**/ ▶ to enter the option to be adjusted.
2. Press ▲/▼ to move the **Picture mode** option to be adjusted, and then press ▲/▼ to select Standard/Soft/User/Vivid.

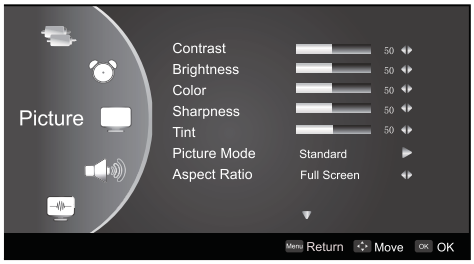
You can also press **P.MODE** on the remote control to select Standard/Vivid/Soft/ User mode.



- **Standard**
  The picture brightness and hue are moderate.
- **Soft**
  The picture is soft and in light color.
- **User**
  The picture effect is set by yourself to your preference.
- **Vivid**
  The picture is vivid, bright and dynamic.

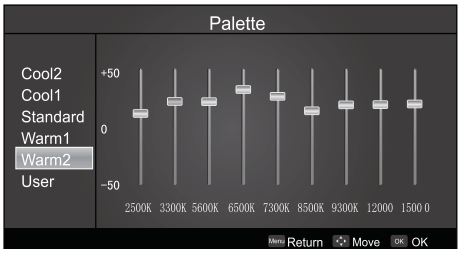
How to customize your own picture status

1. Press **MENU** button to display main menu on the screen, and then press ▲/▼ to select the Picture menu, press **OK**/ ▶ to enter .
2. Press ▲/▼ button to select the item requires adjusting, press ◀/▶ button.

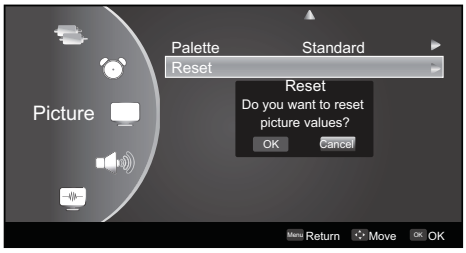


- **Contrast**
  This will adjust the intensity of bright parts in the picture but keep the dark parts unchanged.
- **Brightness**
  This will adjust the light output of the complete picture, which will mainly affect the darker areas of the picture.
- **Color**
  This will adjust the saturation level of the colors to suit your personal preference.
- **Sharpness**
  This will adjust the sharpness of fine details in the picture.
- **Tint**
  Allows you to select the color mix (Tine) of the picture.
- **Picture Mode**
  Select the mode of picture(Standard/Vivid/Soft/User).
- **Aspect Ratio**
  Select the mode of Aspect Ratio(Full screen/4:3/ Zoom/Cinema/Panorama/Dot By Dot). In PC mode, you can select Full screen or4:3.
- **Palette:**
  Press ▲ / ▼ to select the Palette option, and then press ▶ to enter its submenu, and finally press ▲ / ▼ to select a toner pattern from six patterns (Cool2/Cool1/Standard/Warm1/Warm2/User) to your color preference. Normally, the Standard mode is selected.

  If the User mode is selected, press ◀ / ▶ to enter the palette menu, (as shown in the below figure), and then press ◀ / ▶ to select a benchmark in the range of 2500K~15000K from warm color to cold color, afterwards press ▲ / ▼ to adjust; if a different benchmark is selected for adjustment, the original adjustment data will be automatically cleared.
- **LED Four-DIM**
  Press ▲ / ▼ to select the LED Four DIM Demo or LED Four -DIM Calibration, press OK to set.



- **Reset**
  Return to factory default settings. Press ◀ / ▶ to select OK or Cancel, Press OK to affirmance.



Sound Control Functions

How to choose Digital tone mode

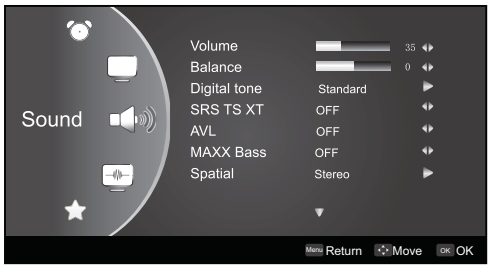
1. Press **MENU** to display main menu on the screen, and then press ▲ / ▼ to select the Sound menu, afterwards press **OK**/ ▶ to enter the option to be adjusted.
2. Press ▲ / ▼ to move the cursor to the Digital tone, Press **OK**/ ▶ to enter and then press ▲ / ▼ to select Standard/Music/Theater/User mode.

- **Standard**
  Normal sound with moderate bass and treble setting.
- **Music**
  Designed the sound to best suit music programs.
- **Theater**
  Enables extra bass and treble to enhance the movie experience.
- **User**
  A spare setting that can be adjusted to personal tastes

  You can also press **S.MODE** button on the remote control to select Standard / Music / Theater/User mode.

How to customize your own Sound status

1. Press **MENU** to display main menu on the screen, and then press ▲ / ▼ to select the Sound menu, afterwards press **OK**/ ▶ to enter the option to be adjusted.
2. Press ▲ / ▼ to select the option to be adjust. and then press ◀ / ▶ to adjust it.



Volume

Press ◀ / ▶ to adjust the volume of a TV program.

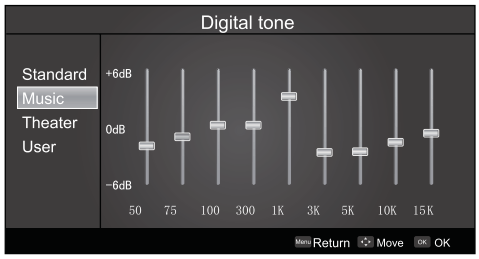
Balance

This will adjust the output of the right and left speakers to obtain the best stereo reproduction for your listening position.

The intermediate value is 0. When indication value of Balance increases toward 50, sound of the right and left speakers becomes stronger and weaker, respectively. When indication value of Balance decreases toward -50, sound of the right and left speakers becomes weaker and stronger.

Digital tone

This select the modes for sound reproduction dependent on the broadcast signals or signals from external inputs received.
Select the mode of sound (Standard/Music/Theater/User). If the Music mode is selected, press OK to enter the digital tone menu,(as shown in the below figure), and then press ◀ / ▶ to select a benchmark in the range of 50~15K from bass to treble, afterwards press ▲ / ▼ to adjust, if a different benchmark is selected for adjustment, the original adjustment data will be automatically cleared.



SRS TS XT

The surround sound feature expands the audio listening field wider and deeper to create exceptional sound quality from the TV's speakers. Press ◀ / ▶ to select On or Off.

AVL (Automatic Volume Limit)

This will reduces the differences in volume level among broadcasters.

MAXX Bass

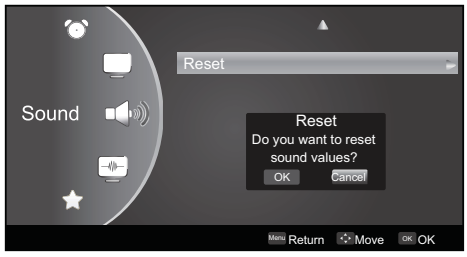
To adjust the super bass. Press ◀ / ▶ to select super bass Off/Low/High.

Spatial

Select the sound mode adapt to your space. press **OK**/ ▶ to enter the menu bar. Press ▲ / ▼ to select Stereo/1M/2M/4M.

Reset

Return to factory default settings. Press ◀ / ▶ to select OK or Cancel, Press OK to affirmance.

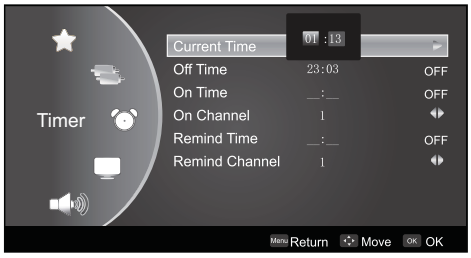


Timer Functions

Setting of Current Time

The current time is calculated from the moment upon turning the TV on. At first, check whether the time indicated on the TV's clock is consistent with the standard time of your time zone; if not, adjust the clock as follows:

1. Press **MENU** on the remote control unit or **MENU** on the TV's front panel to display the main menu, and then press ▲ / ▼ to select the Timer menu, afterwards press ▲ / ▼ to select the Current Time option.
2. Press ◀ / ▶ to set hour and minute.
3. Press ▲ / ▼ to adjust the time.
4. After finishing time setting, press **OK** or **MENU** to confirm.



Setting of ON/OFF Time

This function allows the TV to automatically turn on or enter standby mode upon reaching the preset time.

1. Press **MENU** on the remote control unit or **MENU** on the TV's front panel to display the main menu, and then press ▲ / ▼ to select the Timer menu, afterwards press ▲ / ▼ to select the On Time or Off Time option.
2. Press OK to enter the setting screen, and then press ▲ / ▼ to select ON or OFF, if you select ON, press ◀ / ▶ to set hour and minute. ON indicates the On/Off Time function is enabled while OFF indicates the function is disabled.

3. After finishing time setting, press **OK** or **MENU** to confirm.

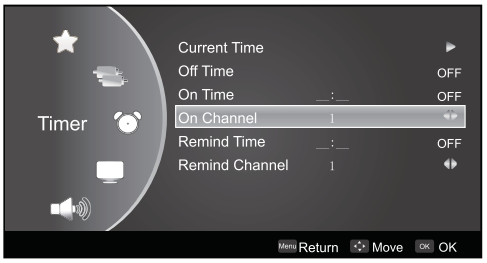
Note

❑ After setting the On/Off Time function, if the TV is AC off or forcible DC off, the function will be automatically cleared.

Setting of On Channel

This function is used in combination with the On/Off Time function. When the TV turns on upon reaching the On time, it automatically enters the preset channel.

1. Press **MENU** on the remote control unit or **MENU** on the TV's front panel to display the main menu, and then press ▲ / ▼ to select the Timer menu, afterwards press ▲ / ▼ to select the On Channel option.
2. Press ◀ / ▶ to set the On Channel or OFF.



Setting of Remind Time and Remind Channel

The remind time and remind channel functions allow the TV to automatically enter the preset channel at preset time. If the TV is AC off or forcible DC off, the preset time will be cleared.

1. Press **MENU** on the remote control unit or **MENU** on the TV's front panel to display the main menu, and then press ▲ / ▼ to select the Timer menu, afterwards press ▲ / ▼ to select the Remind Time option.

2. Press OK to enter the setting screen, and then press ▲ / ▼ to select ON or OFF, if you select ON, press ◀ / ▶ to set hour and minute, and then press ▲ / ▼ to adjust time.
3. After finishing time setting, press **OK** or **MENU** to confirm.
4. Press ▲ / ▼ to select the Remind Channel option, and press ◀ / ▶ to set the found.

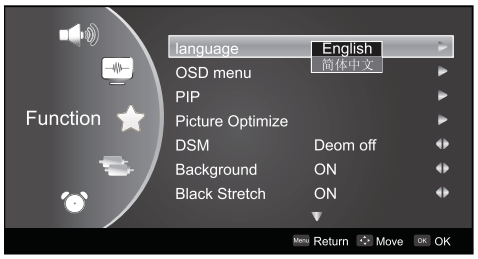
Function Menu

Function Menu Set

1. Press **MENU** on the remote control unit or **MENU** on the TV's front panel to display the main menu, and then press ◀ / ▶ to select the Function menu and press **OK**/ ▶ to enter.
2. Press ▲ / ▼ to select the option to be adjusted, and then press ◀ / ▶ to adjust it.

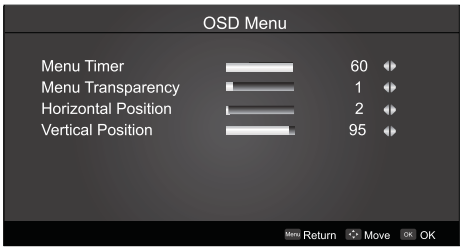
Language

Two languages (i.e. Chinese and English) are available for your choice.



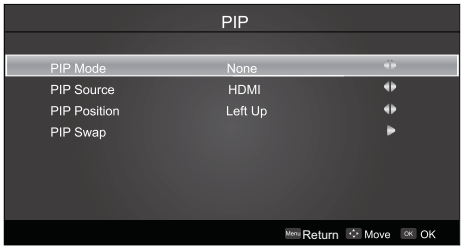
OSD Menu

- Press ▲ / ▼ to select the OSD Menu option.
- Press ▶ to enter the submenu.
- Press ▲ / ▼ to select the option to be adjusted, and then press ◀ / ▶ toadjust it.



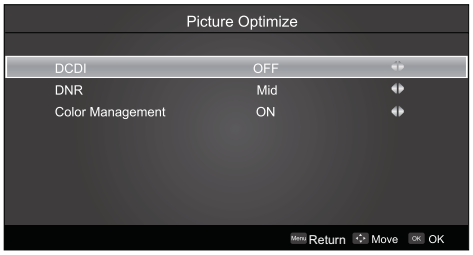
PIP

- Press ▲ / ▼ to select the PIP Menu option.
- Press ▶ to enter the submenu.
- Press ▲ / ▼ to select PIP Mode/PIP Source/ PIP Position/PIP Swap, and then press ◀ / ▶ to adjust it.



Picture Optimize

- Press ▲ / ▼ to select the Picture Optimize option.
- Press ▶ to enter the submenu.
- Press ▲ / ▼ to select theDCDI/DNR to be adjusted, and then press ◀ / ▶ to select ON or OFF.
- Press ▲ / ▼ to select the Color Management to be adjusted, and then press ◀ / ▶ to select Low/ Medium/High/ Off.



DSM

Press ◀ / ▶ to set Demo Off/Demo I/Demo II.

Background

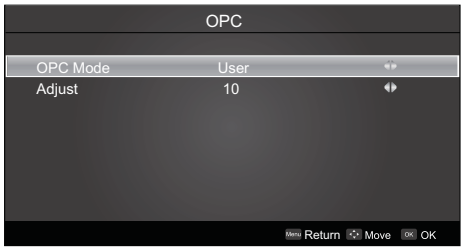
Press ◀ / ▶ to set ON or OFF, if you select ON, the TV screen will be black if no signals are available.

Black Stretch

Press ◀ / ▶ to set ON or OFF, if you select ON, the TV screen will be black if no signals are available.

OPC

- Press ▲ / ▼ to select the OPC Menu option.
- Press ▶ to enter the submenu.
- Press ▲ / ▼ to select OPC Mode/Adjust, and then press ◀ / ▶ to adjust it.

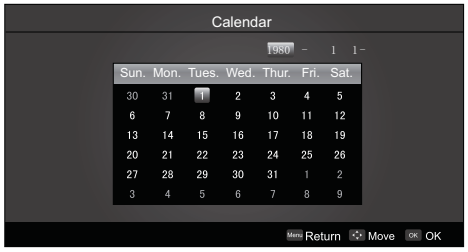


Effect

- Press ▲ / ▼ to select the Effect option.
- Press ▶ to enter the submenu.
- Press ▲ / ▼ to select Off/Effect1/Effect2/Effect3.

Calendar

- Press ▲ / ▼ to select the Calendar option.
- Press **OK**/ ▶ to enter the submenu.
- Press ◀ / ▶ to select year/month/day, and then press ▲ / ▼ to adjust it. After finishing time setting, press **OK** or **MENU** to confirm.



.

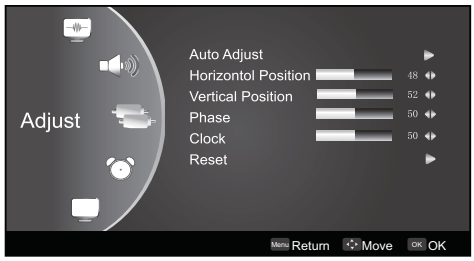
Reset

Return to factory default settings. Press ◀ / ▶ to select OK or Cancel, Press OK to affirmance.

Adjust Menu

The TV can be used as a display, and you may adjust relevant settings.

1. Press **MENU** to display the screen main menu, press ▲ / ▼ to select the Adjust menu as shown in the below figure, and then press **OK**/ ▶ to enter.



2. Press ▲ / ▼ to select the option to be adjusted.
3. Press ◀ / ▶ to adjust it.

Auto Adjust

Vertical and Horizontal position of picture can be adjusted in this item.(It's only available in PC mode).

Horizontal Position

This is used to adjusting Horizontal-size.

Vertical Position

This is used to adjusting Vertical-size.

Phase

This is used for adjusting Vertical position and Horizontal position as well as relative parameters in PC modes.

Clock

This is used for adjusting the phase of pixel clock in PC mode.

Reset

Return to factory default settings.

Lock Setup

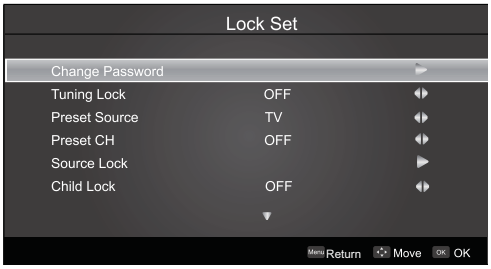
The television has the function of security default lock. Password needs to be entered when the program lock mode is to be set.

How to use the password function

Press **H. LOCK**, the TV screen will display Enter Password to prompt the user to enter a correct password by pressing corresponding numerical keys; if the password is correct, the user enters the Lock Set menu; if incorrect, the user is required to enter a password again.

If there is no operation for a few seconds, the display will automatically disappear.

The Lock Set menu is as follows:



Change password

After entering the Lock Set menu, press ▲ / ▼ to select the Change Password option, and then press ◀ / ▶ to display the Change Password menu, afterwards enter a new 4-digit password by pressing numerical keys and repeat entering this password once, and finally select the option to be confirmed and press **MENU** to confirm, indicating the successful change of password.
If the user does not want to change the password in halfway, he may press **MENU** to exit from this menu.

Note

The initial password is 0000, and the password setting will not be changed after executing the Unlock option.

Tuning Lock

Press ▲ / ▼ to select the Tuning Lock option, and then press ◀ / ▶ to set ON or OFF.
(If set ON, the Tuning Menu is not available in TV mode. To make any operation related to the Tuning Menu, it is necessary to enter the Lock Set menu to set Tuning Lock OFF or execute the Unlock option.)

Preset Source

Preset Source may be set as Off, TV, AV, Component, HDMI, S-video,PC and USB. When the Preset Source is set as TV, after entering the Preset Channel menu, press ◀ / ▶ to select the preset channel, and the channel will be forcibly switched to the preset one upon turning the TV on; when the Preset Source is set as other signal sources, the TV will be forcibly switched to the preset source upon turning on. For example, when the Preset Source is set as YP_bP_r/YC_bC_r, the TV will be switched to YP_bP_r/YC_bC_r upon turning on; when set as OFF, the preset function will be closed.

Preset Channel

Only when the Preset Source is set as TV can the Preset Channel option be available. Press ◀ / ▶ to select preset channels from 0-255.

Source Lock

This function is used to prohibit watching a program from various external inputs, e.g. AV and PC, etc. Press ▲ / ▼ to select a certain option, and then press ◀ / ▶ to set an external input lock ON or OFF. If an external input lock is set ON, after entering this mode, the screen will display blue background with muting and a prompt Source Lock; during Source Lock prompt, Source Lock will remain if there is no other display on the screen. To watch a program from a locked external input, just enter Source Lock submenu to set corresponding status as OFF or execute the Unlock option in the Lock Set menu.

Child Lock

Press ▲ / ▼ to select the Child Lock option, and then press ◀ / ▶ to set ON or OFF. If set ON, this control key will not respond, and the screen will display Child Lock when the key is pressed; if no other operation is made, the display will automatically disappear later. To resume Child Lock function, just enter the Lock Set menu to set Child Lock OFF or execute the Unlock option.

Max Volume

Press ▲ / ▼ to select the Max Volume option, and then press ◀ / ▶ to freely adjust the max volume within the range of 0~100. After finishing the setting, the max volume in the Volume menu will not exceed the preset max volume; for example, if the preset max volume is 30, the volume in the Volume menu can not be increased any longer upon reaching 30; if the preset max volume is less than the value in the Volume menu, the latter will decrease along with the decrease of preset max volume.

On Volume

Press ▲ / ▼ to select the Power on Volume option, and then press ◀ / ▶ to freely adjust the volume within the range of 0~100.

Unlock

Press ▲ / ▼ to select the Unlock option, and then press ▶ to clear all the lock settings, namely set all the lock setting options as OFF; the Preset Channel

is set as OFF and max volume returns to 100 (except password).

- **I²C Bus**

  It is no need for user to select the after-sale service option.

USB Mode

Note

❏ The diagrams in the following section are schematic and only for your reference. Please see the actual product if necessary.

TO USE THE USB DEVICE

1. Supported file formats:
   - Photo: *.jpg, ect;
   - Music: *.mp3, ect;
   - TEXT Reader: *.txt

Note

❏ Due to the particularity of file coding, some files may be unable to read.

2. Supported equipment:
   Support the USB flash disks and Mobile harddisks that supports Mass Storage Protocol and whose file system is FAT32, If USB equipment could not be identified due to unsupported file system, please format the equipment to the above-mentioned file system.

3. To achieve smooth playing, ensure the following:
   - The file code rate should be lower than 300KB/S;
   - Due to the limitation of USB signal transmission distance, it is recommended not to use USB patch cord, in case of using the cord, make sure that its length is not over 1m;
   - Use high-speed USB equipment in conformity with USB2.0 full speed Interface Standard; If USB equipment in conformity with USB1.1 full speed Interface Standard is used, the playing may be unsmooth.

When connecting/removing the USB device

1. Press **SOURCE** on the remote control unit to select USB option.
2. Insert USB equipment into corresponding USB interface 2s after starting the system.
3. After entering the system menu, press ◂ / ▸ on the remote control unit to select the require USB files, press **OK** button to confirm the selection and enter the file list relative to the selection.
4. Press ▲ / ▼ on the remote control unit to select the required file, press **OK** button to enter the selected file.
5. To exit the streaming media playing system and watch a TV program, you must press **EXIT** button to return to the streaming media main menu at first (to protect equipment), and then press **SOURCE** to select **TV** to return to the TV mode.

Note

- Under source of USB, when press button **MENU**, screen goes black, except when images or movies are being played.
- While playing the USB, press **EXIT** button repeatly, the screen picture will return to USB main interface, and only at this time you can switch corresponding signal sources by pressing **SOURCE** again.
- Please do not unplug the USB device when the connected USB storage device is working. When such device is suddenly separated or unplugged, the stored files or the USB storage device may be damaged.

Operating the USB device

1. Press ◂ / ▸ to scroll through main menu or submenu and select your desired option.
2. Press **OK** to confirm your selection.
3. Press ◂◂ / ▸▸ to achieve the FWD (fast forward) and REV (fast back) of the option being played.
4. Press ▶II to play, and press it again to pause playing.
5. Press **ZOOM** to magnify pictures; when the picture is enlarged, press ◂ / ▸ and ▲ / ▼ to move the picture.
6. Press **EXIT** repeatedly to return to the main menu.

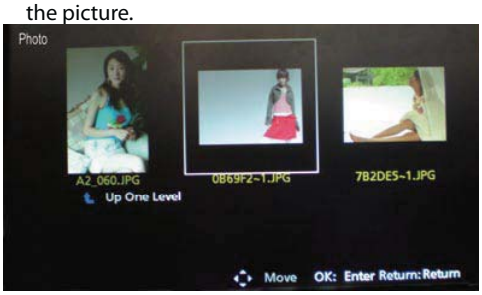
Note

❏ You can choose the photos or music in different files to play together.

Playing a Picture

1. After entering USB main interface, press ◂ / ▸ to select **PHOTO** item.
2. Press **OK** to confirm the selection and enter the picture file list.

3. Press ◂ / ▸ to select the picture you want to play, press **OK** to confirm, and then press **OK** button to play the pictures.
4. If you want to pause the picture which is being palyed, press the ⏯ button again.
   Press **ZOOM** to magnify the picture. When the picture is enlarged, press ◂ / ▸ and ▴ / ▾ to move the picture.



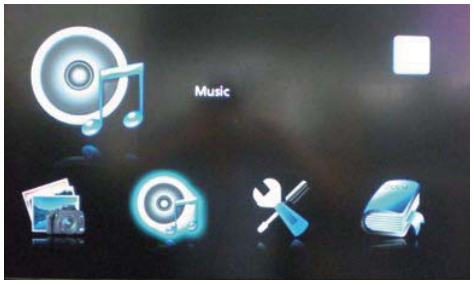
5. To exit playing, just press **EXIT** repeatedly.

Note

❏ The menu display varies with the photo name and pixel in your equipment.

Playing Music

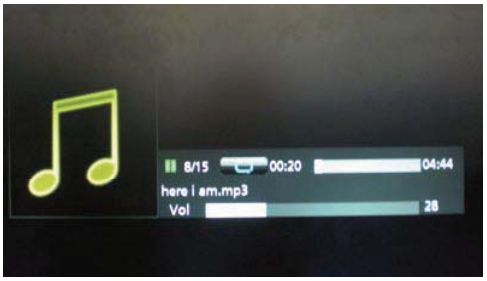
1. After entering USB main interface, press ◂ / ▸ to select **MUSIC** item.
2. Press **OK** to confirm the selection and enter the music file list.



3. Press ▴ / ▾ and **OK** button to select the music you want to play, then press **OK** button to play the music.
   Press ◂◂ / ▸▸ to achieve the REV (fast back) and FWD (fast forward) of the music being played.
   Press ⏮ / ⏭ to select the last or next music.
4. To return to the main menu, just press **EXIT** repeatedly.

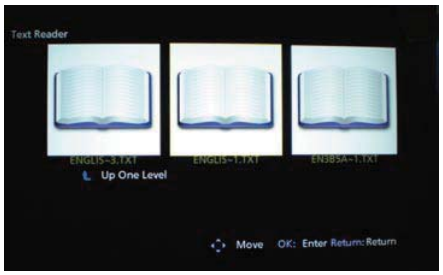
Note

❏ You can enjoy the music and the picture at the same time.



Text Reader

1. After entering USB main interface, press ◂ / ▸ to select **Text** item.
2. Press **OK** to confirm the selection and enter the text file list.



3. Press ◂ / ▸ and **OK** button to select the text you want to play, and then press **OK** button to play the text.

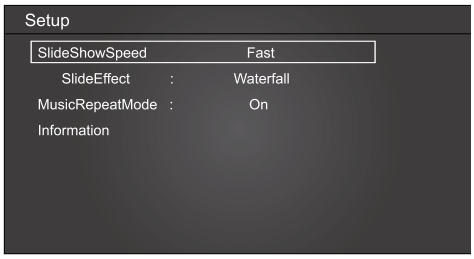
4. To exit the Text mode, just press **EXIT** repeatedly.

Note

❑ You can enjoy the music and the text at the same time.

Set up

1. After entering USB main interface, press ◂ / ▸ to select **Set up** item.
2. Press **OK** to confirm the selection and enter the set up file list.



3. Press ▲ / ▾ to select the Slide show spead Menu option, and then press ◂ / ▸ to set Fast/Slow/Normal. Press ▲ / ▾ to select the Slide Effect Menu option, and then press ◂ / ▸ to set Diagonal/Waterfall/Randow/ No Effect/Bottom To Top/Top To Bottom/Right To Left/Left To Right/Snake/Cross. Press ▲ / ▾ to select the Music Repeat Mode Menu option, and then press ◂ / ▸ to set On/Off/Random.
4. To exit the Sut up mode, just press **EXIT** repeatedly.

Maintenance

Maintenance

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you will have your new TV. Be sure to turn the power off and unplug the power cord before you begin any cleaning.

Cleaning the Screen

1. Here's a great way to keep the dust off your screen for a while. Wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then use it to wipe the screen.
2. Make sure the excess water is off the screen, and then let it air-dry before you turn on your TV.

Cleaning the Cabinet

To remove dirt or dust, wipe the cabinet with a soft, dry, lint-free cloth. Please be sure not to use a wet cloth.

Extended Absence

If you expect to leave your TV dormant for a long time (such as a vacation), it's a good idea to unplug the power cord to protect against possible damage from lightning or power surges.

Troubleshooting

For the sake of time and cost, it is strongly recommended that you checkout the problem by yourself according to the instructions listed hereunder before contacting the after-sales service for technical assistance.

Problem	Possible remedies

No picture, no sound	Turn onthe power supply; Properly plug theTV setto the powersocket; Check to see if the power cable of other appliance is plugged in the TV set. Make sure that the power cable of the TV set is properly connected.
Problem	**Possible remedies**
Good picture, no sound	Depress the volume button; Check out theaudio frequency input signals.
Failure of remote controller	Check to see if the remote controller display receiving window are blocked by other objects and if batteries are properly loaded.
No color, weak color or poor picture	Designate the item of color from the Picture menu and depress the volume button; Keep the display and VCR separate a reasonable space; Activate some functions to store picture brightness; Make sure that the display and signal source are available and turned on.
Excessive brightness or darkness	Adjust brightness or contrast.
Picture too big or small	Adjust the setup of sizes.
One speaker failure	Balance the sound in the menu.
Slight sound from display	It is a normal phenomenon.

Note

❏ Do not leave the television with static picture in an extended period as it may result in residual image on your television screen.

Note

❏ Production of the screen requires high and precision technologies. However, there might be some dank or bright (red, blue or green) spots, or some anomalistic stripes or spots. This is not defect. If the TV set is used in an area 2,400 meters above the sea level where the air pressure is below 750hpa, the picture on the screen maybe affected and a muffled sound might be produced. These phenomena might happen in the area 1,500 meters above the sea level. This is resulted from difference between air pressures inside and outside the display. This is not a defect covered by the limited warranty.

Specification

Basic specification and parameter

Power	~ 100-240V 50/60Hz
Color System	PAL, NTSC, SECAM, NTSC4.43
Stand-by Consumption	D/K, B/G, I, M
Video Input	USB,AV, Component, HDMI, S-Video or PC,
Environmental condition	Operating temperature range: +5°C - +35°C Operating humidity range: 20%-80% Storage Temperature: -15°C~+45°C Storage Humidity: 5%-90%, non-condensing If the storage temperature is lower than 0 °C, please first lays the machine aside after in the operating temperature environment carries on restores 2 hours, then electrifies the use again, protects your television not to receive the damage.
Accessories	Owner's manual x1 Remote Control x1 Alkaline battery x2 (This is only available for certain models,please refer to actual products.)

Product main size (contain stand)

MODEL	Power Consumption	Net Size(LxWxH)	Net Weight
L24K3	45W	585x190x343mm	5.3Kg
LE24T3	45W	572x170x413mm	4.2Kg

Note

❏ Design and specifications are subject to change without notice. The dimension in this manual is a approximation.

Format

Recommendatory HDTV/ SDTV(YP_bP_r/YC_bC_r) format

Sequence Number	Format	Refresh Frequency (Hz)
1	480i/480p	60
2	576i/576p	50
3	720p	50/60
4	1080i/1080p	50/60

Recommendation PC connection input format

sequence number	Format	H-Frequency (KHz)	V-Frequency (Hz)
1	640*480@60Hz	31.5	60
2	800*600@60Hz	37.88	60
3	1024*768@60Hz (Recommendatory)	48.36	60

Recommendation DVI connection input format

Sequence Number	Resolution	Refresh Frequency (Hz)
1	640*480	60
2	800*600	60
3	1024*768	60

Recommendation HDMI connection input format

Sequence Number	Format	Refresh Frequency (Hz)
1	480i/480p	60
2	576i/576p	50
3	720p	50/60
4	1080i	50/60